

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior Application: T. USUI et al
 Serial No. 10/387,372
 Filed: March 14, 2003
 Group Art Unit: 3641
 Examiner: H. Behrend

For: REACTOR COOLING SYSTEM

REQUEST FOR DIVISIONAL APPLICATION
UNDER 37 C.F.R. 1.53(b)

Commissioner for Patents
 Alexandria, VA 22313

Sir:

This is a request for filing a divisional application under 37 C.F.R. 1.53(b) of pending prior application Serial No. 10/387,372, filed on March 14, 2003, entitled REACTOR COOLING SYSTEM, by the inventor named in the prior application.

1. Enclosed is a copy of the prior application, including the Declaration as originally filed.

2. The Filing Fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION
LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW
PLUS ANY CLAIMS ADDED BY ACCOMPANYING PRELIMINARY AMENDMENT

Basic Fee										\$ 770.00
Total Claims	6	-	20	=	0	x	18	=	\$.00
Independent Claims	1	-	3	=	0	x	84	=	\$.00
Total Filing Fee										\$ 770.00



3. A Credit Card Payment Form in the amount of \$770.00 is enclosed to cover the Filing Fee.

4. Cancel claims 1-4 before calculating the Filing Fee. A Preliminary Amendment is submitted herewith.

5. The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment, to Deposit Account No. 50-1417. A duplicate copy of this Request is enclosed for this purpose.

6. Amend the specification by inserting, before the first line:

This is a divisional application of U.S. Serial No. 10/387,372, filed March 14, 2003.

7. New drawings are enclosed, six (6) sheets, Figs. 1-11.

8. The power of attorney is set forth in the Declaration in the prior application or an associate power of attorney is hereby granted to:

Jeffrey M. Ketchum, Registration No. 31,174
Shrinath Malur, Registration No. 34,663
John R. Mattingly, Registration No. 30,293
Daniel J. Stanger, Registration No. 32,846
Gene W. Stockman, Registration No. 21,021.

There is a change in the correspondence address.

Address all future correspondence to:

MATTINGLY, STANGER & MALUR, P.C.
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Please associate this application with Customer No. 24956.

9. The prior application is assigned to Hitachi, Ltd.

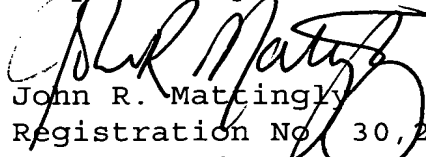
10. Priority of the following Japanese patent
application is claimed under 35 U.S.C. § 119:

No. 2001-359145, filed November 26, 2001.

The certified priority document has been filed in the parent
application.

The undersigned hereby declares that no matter contained
in the specification, including the claims, and drawings filed
in the present divisional application would have been new
matter in the prior application Serial No. 10/387,372, as
originally filed on March 14, 2003.

Respectfully submitted,


John R. Mattingly
Registration No. 30,293
Attorney of Record

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Date: February 6, 2004